

264-968

5/10/2011

1 of 12



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

NOTIFICATION

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

MAY 10 2011

Jamin Huang, Ph. D.
Bayer Crop Science
P.O. Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, NC 27709

Subject: Notification to remove Notice to Buyer language per PR Notice 98-10
EPA Registration No. 264-968
Submission Date: May 2, 2011
Decision: D448644

Dear Dr. Huang:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated May 2, 2011 for product EPA Reg No. 264-968. The Registration Division (RD) has conducted a review of this request and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records. If you have any questions, please contact Jessica Rogala at (703) 347-0263 or via email at rogala.jessica@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "J. Rogala".

Jessica Rogala
Environmental Protection Specialist
Insecticide-Rodenticide Branch
Registration Division (7505P)

20f12



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 264-968	2. EPA Product Manager Venus Eagle	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Gaucho 600 Flowable	PM# Team 01	
5. Name and Address of Applicant (Include ZIP Code) Bayer CropScience P.O. Box 12014, 2 T.W. Alexander Drive Research Triangle Park, NC 27709 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

REGFEE: Notification per PRN 98-10

Justifications: Submit an amended label to delete "Notice to Buyer - Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside the United States" from the 9/23/2010 approved label via Notification per PR Notice 98-10. See attached cover letter.

CONTACT: Jamin Huang, jamin.huang@bayer.com

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1, 2.5, 30, 200, 260 gallons		5. Location of Label Directions <input checked="" type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Jamin Huang, Ph.D.		Title Senior Regulatory Manager		Telephone No. (Include Area Code) (919) 549-2834	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 			3. Title Senior Regulatory Manager		
4. Typed Name Jamin Huang, Ph. D.			5. Date April 20, 2011		

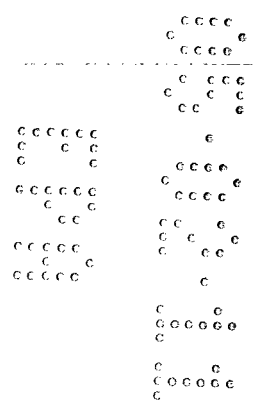
30412



Bayer CropScience

April 20, 2011

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7505C)
Registration Support Branch
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, Virginia 22202-4501



Attention: Paul Mastradone (Team Leader, Notifications & Minor Formulation Review)

**Re: Notification per PR Notice 98-10
Gaucho 600 Flowable (EPA Reg. No. 264-968)**

Bayer CropScience
2 T.W. Alexander Drive
P. O. Box 12014
Research Triangle Park,
NC 27709
Tel: 919 549-2000

Dear Mr. Mastradone,

Bayer CropScience is herein submitting an amended label to delete “*Notice to Buyer – Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside the United States*” from the 9/23/2010 approved label via Notification per PR Notice 98-10.

“This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46 and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.”

In support of the above-described amendment, we are herein submitting the following:

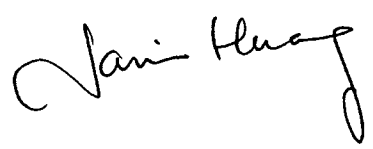
1. EPA Form 8570-1 dated April 20, 2011.

2. Three (3) copies of amended label for Gaucho 600 Flowable dated 4/19/2011

3. One (1) copy of the above amended labeling with the deleted statement in red with strikethrough, in relation to the latest approved labeling dated September 23, 2010.

Please contact me at jamin.huang@bayer.com or at 919-549-2634 if you have any questions regarding this submission.

Sincerely,



Jamin Huang, Ph.D
Senior Regulatory Manager

GAUCHO[®] 600 FLOWABLE

Contains 5 lbs. active per gallon (600 grams per liter) @ 20°C

ACTIVE INGREDIENT:

Imidacloprid: 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine.....48.7%

OTHER INGREDIENTS:51.3%

TOTAL 100.0%

EPA Reg. No. 264-968

EPA Est.

KEEP OUT OF REACH OF CHILDREN CAUTION

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577
For **PRODUCT USE** Information Call 1-866-99BAYER (1-866-992-2937)

FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.

In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed, absorbed through skin or inhaled. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: Long-sleeved shirt and long pants, socks and shoes and chemical-resistant gloves (such as nitrile, butyl, neoprene, barrier laminate, polyvinyl chloride or Viton). Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change clothing.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to birds and aquatic invertebrates. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Cover or incorporate spilled treated seeds.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For use in commercial seed treaters only, with the exception of application to canola, cotton (delinted seed), field corn, sorghum, millet, wheat and barley, which may be made either by commercial seed treatment or as an end-use seed treatment on agricultural establishments at, or immediately before, planting. This product is to be used in liquid or slurry treaters.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Mix thoroughly before use or use entire container at one time. Pre-test all tank mixes to determine physical compatibility between formulations. Observe all cautions and limitations on labeling of all products used in mixtures.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal, or by cleaning of equipment.

PESTICIDE STORAGE

Store in a cool place. Do not store in direct sunlight. Protect from freezing temperatures.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Rigid, Non-refillable containers small enough to shake (i.e., with capacities equal to or less than 5 gallons)
2.5 gal

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of rinsed empty container in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke.

Rigid Non-refillable containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs)
30 or 200 or 260 gal

Non-refillable container. Do not reuse or refill this container. After emptying product from container, contact Bayer CropScience Customer Service Center (1-800-527-4781) with return authorization for container return instructions. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Offer for recycling, if available. Dispose of rinsed empty container in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: If the seed is treated with the product and the treated seed is soil-injected (drilled) or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, chemical resistant gloves, shoes plus socks, protective eyewear.

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SEED BAG LABEL REQUIREMENTS

The Federal Seed Act requires that bags containing treated seeds shall be labeled with the following statements:

- This seed has been treated with an imidacloprid insecticide.
- Do not use for feed, food or oil purposes.

User is responsible for ensuring that the seed bag meets all requirements under the Federal Seed Act.

In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing seeds treated with Gaucho 600 Flowable:

- Store away from food and feedstuffs.
- Wear long-sleeved shirt, long pants and chemical-resistant gloves when handling treated seed.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Dispose of all excess treated seed. Leftover treated seed may be buried away from water sources in accordance with local requirements.
- Do not contaminate water bodies when disposing of planting equipment wash waters.
- Do not allow children, pets, or livestock to have access to treated seed.
- Treated seed must be adequately covered with soil at planting.
- Treated areas may be replanted with any crop specified on imidacloprid label, or any crop for which a tolerance exists for imidacloprid, as soon as practical following the last application. Areas planted with treated seed may be replanted immediately with artichoke, barley, Brassica (cole) leafy vegetables, borage, bulb vegetables, canola, cilantro, corn (field), corn (pop), corn (sweet), cotton, cranberry, crambe, cucurbits, eggplant, flax, ground cherry, leaf petiole vegetables, leafy vegetables, legume vegetables (succulent or dried, including soybean), millet, mustard seed, oats, okra, pepinos, pepper, potato, rapeseed, rye, safflower, sorghum, soybean, strawberry, sugarbeet, sunflower, tomatillo, tomato, triticale, root and tuber vegetables, watercress, wheat. These areas may also be replanted after 30 days with cereals, including buckwheat, rice. Do not plant any other crop in the treated area for at least one year after treated seeds are planted.

ROTATIONAL CROPS:

Treated areas may be replanted with any crop specified on an imidacloprid label, or any crop for which a tolerance exists for the active ingredient, as soon as practical following the last application. The following plant-back intervals are required for listed crops:

ROTATIONAL PLANT-BACK INTERVALS*				
IMMEDIATE PLANT-BACK				30-DAY PLANT-BACK
Artichoke	Crambe	Oats	Soybean	Cereals, including: buckwheat rice
Barley	Cucurbits	Okra	Strawberry	
Brassica (cole) leafy veg.	Eggplant	Pepinos	Sugarbeet	
Borage	Flax	Pepper	Sunflower	
Bulb Veg	Ground cherry	Popcorn	Tomatillo	
Canola	Leaf petiole veg.	Potato	Tomato	
Cilantro	Leafy veg.	Rapeseed	Triticale	
Corn, Field	Legume veg. (succulent	Rye	Veg. Root and Tuber	
Corn, Sweet	or dried, including soybean)	Safflower	Watercress	
Cotton	Millet	Sorghum	Wheat	
Cranberry	Mustard Seed			

* Cover crops for soil building or erosion control may be planted any time, but do not graze or harvest for food or feed.

* For all other crops not listed on an Imidacloprid label, or for crops for which no tolerance for the active ingredient has been established, a 12-month plant-back interval is required.

NOTIFICATION of the crop rotational restriction must be conveyed to the grower by appropriate seed bag labeling or bag printing on all seed units.

NOTE: The purchaser of this product is responsible for ensuring that all seed treated with this product are adequately dyed with a suitable color to prevent its accidental use as food for man or feed for animals. Refer to 21CFR, Part 2.25. Any dye or colorant added to treated seed must be cleared for use under 40CFR, Part 180.1001. Federal regulations have established official tolerances for certain pesticide residues. In order that residues on food and forage crops will not exceed established tolerances, use only at specified rates.

Treated seed must not be used for or mixed with food or animal feed or processed for oil. Seed commercially treated with GAUCHO 600 Flowable must be labeled in accordance with all applicable requirements of the Federal Seed Act.

Labels for commercially treated seed must include the following addition to the Environmental Hazards statements:

Exposed treated seed may be hazardous to birds. Dispose of all excess treated seed and seed packaging by burial away from bodies of water. Cover or incorporate spilled treated seeds.

USE RESTRICTION:

Rape greens grown and harvested from GAUCHO 600 treated seed must not be used for human and feed consumption. Rapeseed grown and harvested from GAUCHO 600 treated seed is only for industrial uses and can not be used for edible oil or any other human / feed consumption.

Wheat, Barley, Oats, Rye, Triticale, Sorghum, and Millet: Do not graze or feed livestock on treated areas for 45 days after planting.

Cotton (delinted seed only): Regardless of the type of application (seed treatment, soil or foliar) do not apply more than a total of 0.5 lb. of imidacloprid per acre per cropping cycle.

Stored Seed Protection:

Applied at labeled rates equal to or above 0.8 fl. oz. per hundredweight, GAUCHO® 600 Flowable will provide protection to seed against injury from the following insects: Indian Meal Moth (*Plodia interpunctella*), Rice Weevil (*Sitophilus oryzae*), Red Flour Beetle (*Tribolium castaneum*), and Lesser Grain Borer (*Rhizopertha dominica*). It is recommended that seed with existing populations of stored grain pests be fumigated prior to treating and bagging seed.

For Early Season Protection Against Certain Sucking Insects:

GAUCHO 600 Flowable will aid in the protection of seeds and seedlings against injury by certain early season insects.

Oil Seed Crop Group:

Canola, rapeseed, mustard seed:

To provide early season protection of seedlings against injury by aphids, flea beetles and wireworms apply as a commercial seed treatment at 10.24 to 25.6 fl. oz. per hundredweight of seed. In areas where flea beetles and foliar insects are in high numbers, the higher application rate is recommended. Please consult your local agricultural office for pest patterns, history, and forecasts to assist in determining the appropriate rate for your region.

For suppression of Lygus bugs, including *Lygus spp.*, in their second generation and cabbage Seedpod Weevil larvae, including *Ceutorhynchus assimilis*, apply 15.36 to 25.6 fl. oz. per hundredweight of seed.

Flax, crambe, and borage:

To provide early season protection of seedlings against wireworms, seed corn maggots and flea beetles apply as a commercial seed treatment at 25.6 fl. oz. per hundredweight of seed.

Safflower:

To provide early season protection of seedlings against wireworms, apply as a commercial seed treatment at 0.25 – 0.50 mg a.i./seed. (One fl. oz. of GAUCHO 600 contains 17.7g imidacloprid.)

Sunflower:

To provide early season protection of seedlings against wireworms, seed corn maggots and flea beetles apply as a commercial seed treatment at 0.25 – 0.50 mg a.i./seed. (One fl. oz. of GAUCHO 600 contains 17.7 g imidacloprid.)

Oil Seed Crop Group: For End-Use Application At Agricultural Establishments:

Canola, rapeseed, mustard seed:

Apply using an HCBT or a Batch Treater. Shake GAUCHO 600 Flowable thoroughly before use. Apply 5.1 to 12.8 fl. oz. of GAUCHO 600 Flowable per 50 pound bag. GAUCHO 600 Flowable may be diluted with an approved Bayer CropScience fungicide mixture for extended disease protection. Treat one-half of seed with one-half of slurry mix. Add the balance of the seed and apply balance of slurry. Allow mixing until seed is thoroughly covered.

Safflower:

To provide early season protection of seedlings against wireworms, apply using HCBT or a batch treater at 12.8 fl. oz. per hundredweight of seed.

Flax, sunflower, crambe, and borage:

To provide early season protection of seedlings against wireworms, seed corn maggots and flea beetles apply using an HCBT or a batch treater at 12.8 fl. oz. per hundredweight of seed.

Field Corn:

For the protection of corn plants from the corn insect pests listed below. Apply as a seed treatment at the specified rates listed.

PEST	GAUCHO 600	
	MG.AI / KERNEL	FL.OZ. / 80,000 SEED UNIT
Corn root worm (including Northern, Western, Southern and Mexican) ¹ Flea beetle Chinch bug Southern green stinkbug White grub Seed corn maggot Thrips Wireworm Corn leaf aphid Imported fire ant Southern corn leaf beetle Billbug ² Grape colaspis ² Black cutworm ³	1.34	6.0
PEST	GAUCHO 600	
	MG.AI / KERNEL	FL.OZ. / 80,000 SEED UNIT
Flea beetle Chinch bug Seed corn maggot Thrips Wireworm Corn leaf aphid Imported fire ant Grape colaspis ² White grub	0.60	2.70
PEST	GAUCHO 600	
	MG.AI / KERNEL	FL.OZ. / 80,000 SEED UNIT
Seed corn maggot (seed protection only) Wireworm (seed protection only) Flea beetle (through 1 leaf stage) Imported fire ant White grub ⁴	0.16	0.72

¹ In areas of heavy to severe corn rootworm populations, protection will not be adequate. Use only in areas of light to moderate corn rootworm populations. Consult your State Agricultural Extension Service on levels of corn rootworm populations.

² Reduces early season feeding damage.

³ Will reduce feeding damage caused by leaf feeding black cutworms that are 1/2 inch or less in length.

⁴ Reduces feeding damage during emergence and seedling stages.

Field Corn: For End-Use Application At Agricultural Establishments:

Apply using an HCBT or an Eight-Bag Batch Treater. Shake GAUCHO 600 Flowable thoroughly before use. Dilute GAUCHO 600 Flowable with water and/or an approved Bayer CropScience fungicide mixture. The final slurry rate should be adjusted to apply a rate of 8 - 10 fl. oz. of diluted slurry per 50-pound bag of seed. Treat one-half of seed with one-half of slurry mix. Add balance of the seed and apply balance of slurry. Allow mixing until seed is thoroughly covered. Apply 0.75 oz. of dry TALC per 50-pound bag of seed following the GAUCHO 600 Flowable application and allow it to distribute evenly on the seed.

Wheat, Barley, Oats, Rye, Triticale:

To provide early season protection of seedlings against injury by aphids (including Bird cherry-oat, English grain, Greenbug, and Russian wheat aphid), Hessian fly, apply 0.8 to 2.4 fluid ounces per hundredweight of seed prior to planting as a slurry treatment. Low use rate for "wireworm-only" protection: GAUCHO 600 applied at the 0.13 - 0.26 fl. oz. per hundredweight of seed offers suppression of wireworm activity on seed and young seedlings. To provide early season protection from grasshopper damage, GAUCHO 600 should be applied to seed at 1.2 to 2.4 fluid ounces per hundredweight. To reduce early season damage caused by grasshopper, GAUCHO treated seed may be planted as a 50 to 60 foot border around the edges of the field. Consult your local university extension entomologist for details regarding grasshopper control in your area. For maximum effectiveness, seed must be treated uniformly. Use the higher rate to provide increased length of protection and from heavy insect pressure and from wireworms, and to reduce potential spread of Barley yellow dwarf virus due to aphid vectors. Do not graze or feed livestock on treated areas for 45 days after planting.

Wheat, Barley, Oats, Rye, Triticale: For End-Use Application At Agricultural Establishments:

Apply using a Total Slurry Treater (TST), Farmer Applied Seed Treater (F.A.S.T.), Bayer CropScience Air Pressure System (BCSAP) or other on-farm seed treating equipment to deliver accurate rates of GAUCHO 600 Flowable to achieve optimum product performance. Apply 0.8 – 2.4 fl. oz. per hundredweight of seed. GAUCHO 600 Flowable should be combined with a Bayer CropScience fungicide product for seed and seedling protection against fungal pathogens, as well as insect pests. Dilution with water may be necessary depending on fungicide formulation used. GAUCHO 600 Flowable may also be applied on-farm as an over-treatment to seed pretreated with a fungicide. In this case, dilution is necessary. Do not graze or feed livestock on treated areas for 45 days after planting.

Sorghum, Millet:

To provide early season protection of seedlings against injury by Aphids (including Corn leaf, English grain, Greenbug, and Yellow sugar cane aphid), Chinch bugs, Fire ants and Wireworms, apply 6.4 fluid ounces per hundredweight of seed prior to planting as a slurry treatment. Ensure thorough coverage. Do not graze or feed livestock on treated areas for 45 days after planting.

Sorghum, Millet: For End-Use Application At Agricultural Establishments:

Apply using an HCBT or an Eight-Bag Batch Treater. Shake GAUCHO 600 Flowable thoroughly before use. Dilute 3.2 fluid ounces of GAUCHO 600 Flowable with water. The final slurry rate must be adjusted to apply a rate of 8 - 10 fluid ounces of diluted slurry per 50-pound bag of seed. Treat one-half of seed with one-half of slurry mix. Add the balance of the seed and apply balance of slurry. Allow mixing until seed is thoroughly covered. Apply 0.75 oz. of dry TALC per 50-pound bag of seed following the GAUCHO 600 Flowable application and allow it to distribute evenly on the seed. Do not graze or feed livestock on treated areas for 45 days after planting.

Cotton (Delinted Seed Only):

To provide protection of seedlings against injury by early season thrips and aphids, and where the specific application rate is desired on an individual seed basis apply at 0.375mg. ai. per seed (do not apply more than 12.8 fluid ounces per hundredweight of seed) prior to planting as a slurry treatment so as to ensure thorough coverage. Otherwise, apply at 12.8 fluid ounces per hundredweight of seed. Regardless of the type of application (seed treatment, soil or foliar) do not apply more than a total of 0.5 lb. of imidacloprid per acre per cropping cycle.

Cotton (Delinted Seed Only): For End-Use Application At Agricultural Establishments:

Apply using an HCBT or an Eight-Bag Batch Treater. Shake GAUCHO 600 Flowable thoroughly before use. Dilute 6.4 fluid ounces of GAUCHO 600 Flowable with water or a ready to use fungicide mixture, such as RTU[®]-VITAVAX[®]-Thiram or ALLEGIANCE[®]-FL, for each 50-pound bag of cottonseed to be treated. The final slurry rate must be adjusted to apply a rate of 8 to 10 fluid ounces of diluted slurry per 50-pound bag of seed. Treat one-half of seed with one-half of slurry mix. Add the balance of the seed and apply balance of slurry. Allow mixing until seed is thoroughly covered.

Sugar Beets:

To provide early season protection of seedlings against injury by Whitefly, Aphids, Leafhoppers (including to reduce potential for spread of Curly top and Yellow mosaic virus due to aphid and leafhopper vectors), Root aphid, Thrips and Wireworms, apply as a commercial seed treatment at 2.4 to 5.0 fluid ounces of GAUCHO 600 Flowable in or on a unit of pelleted sugar beet seed with a weight ratio of 2:1 pelleting mixture to raw seed (seed count 100,000 seed - approximately 1 kilogram by weight). Apply in a film coat directly to raw seed (100,000 seed or approximately 1 kilogram by weight) at a rate of 2.4 fluid ounces per unit of seed. If rates exceed 2.4 fluid ounces per unit, seed must be pelleted.

Sweet Corn:

For the protection of sweet corn plants from the insect pests listed below. Apply as a seed treatment at the recommended rates listed.

PEST	GAUCHO 600 FL. OZ. / CWT. OF SEED
Flea beetle Early season corn leaf aphid Seed corn maggot Wireworm	6.4
Imported fire ant Early season corn leaf aphid Seed corn maggot Wireworm	3.2 - 6.4
Imported fire ant Seed corn maggot (seed protection) Wireworm (seed protection)	1.6 - 3.2
Wireworm (seed protection)	0.8 - 1.6

The final slurry rate must be adjusted to apply a rate of 16 - 20 fl. oz. of dilute solution per hundredweight of seed with commercial application equipment.

Popcorn:

To provide early season protection of seedlings against injury by flea beetles, apply as a commercial seed treatment at 6.4 fl. oz. per hundredweight of seed.

Soybean:

For protection of planted seeds from damage caused by seed corn maggot, to reduce feeding damage caused by soybean aphids and over-wintering bean leaf beetles, and to help suppress the spread of certain viruses, apply 1.6 - 3.2 fl. oz. per hundredweight of seed. Use higher rates to provide increased length of protection and for heavy insect pressure. GAUCHO 600 Flowable can be used as an over-treatment. Do not graze or feed livestock on soybean forage or hay.

Adzuki Bean, Asparagus Bean, Broad Bean (Succulent Or Dry), Catjang Bean, Chinese Longbean, Field Bean, Guar Bean, Jackbean, Kidney Bean, Lablab Bean, Lima Bean (Succulent Or Dry), Moth Bean (Succulent Or Dry), Mung Bean, Navy Bean, Pinto Bean, Rice Bean, Runner Bean, Snap Bean, Sword Bean, Tepary Bean, Urd Bean, Wax Bean, Yardlong Bean, Blackeyed Pea (Succulent Or Dry), Chickpea, Cowpea (Succulent Or Dry), Crowder Pea, Dwarf Pea, Edible-Pod Pea, English Pea, Field Pea, Garden Pea, Green Pea, Pigeon Pea (Succulent Or Dry), Snow Pea, Southern Pea (Succulent Or Dry), Sugar Snap Pea, Grain Lupin, Sweet Lupin, White Lupin, White Sweet Lupin, Lentil:*

To provide early season protection of seedlings against injury by wireworm, bean leaf beetle, imported fire ant, and aphid, apply as a commercial seed treatment at 1.6 - 3.2 fl. oz. per hundredweight of seed prior to planting.

*** Seed-and-pod vegetable seed treated in California must be destined for planting in states other than California and is not to be planted in California.**

Carrot:

To provide early season protection of seedlings against injury by seed corn maggot and wireworm, apply as a commercial seed treatment at 6.4 fl. oz. per hundredweight of seed.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, disclaimer of Warranties and Limitations of Liability.

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Bayer CropScience, no claims are made to guarantee germination of carry-over seed.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience. All such risks shall be assumed by the user or buyer.

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